

## 2006 Bridge Construction Forum Action Items Updated 10-4-06

**Bold Means Completed. 28 out of 52 Action Items Completed**

**53.85%**

### General:

### Who:

|   |  |                                       |
|---|--|---------------------------------------|
| 1 | <b>Post Construction Forum Meeting Notes and presentations on California Bridge Construction Forum Website</b> | <b>Dolores Valls &amp; Bruce Hagy</b> |
| 2 | <b>Develop and Finalize Bridge Construction Forum Action Items</b>   | <b>Dolores Valls &amp; All ACM's</b>  |
| 3 | <b>Post Bridge Construction Forum Action Items on Website</b>  | <b>Dolores Valls &amp; Bruce Hagy</b> |

### Cost Reduction Incentive Proposal(CRIP):

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| 1  | <b>Draft a Decision Document to form a Special "CRIP Concept Committee" with a CRIP Facilitator role in process to perform the initial CRIP Review. Limit time frame for completion of design review to 30 days. Suggest use of a consultant designer, as appropriate.</b> | <b>Rusty Crain</b>             |
| 1A | Circulate Draft Decision Document for comment and approval.  | Dolores Valls                  |
| 2  | Draft a Bridge Construction Memo (BCM) to summarize the Structure Construction CRIP Process. Include a CRIP definition, provide a template for Concept meeting, CRIP process flowchart and include procedure for FHWA buy-in. Research other agency CRIP processes.        | Roberto Luena & Beau Wrightson |
| 2A | Finalize and Distribute the Bridge Construction Memo on OSC CRIP Process   | Steve Altman & John Lammers    |
| 3  | <b>Post links to "Excellence in Transportation" Awards and Excellence in Partnering Award on Bridge Construction Forum Website.</b>  | <b>Bruce Hagy</b>              |
| 4  | <b>Request Training from HQ Construction (Bob Pieplow) on new CRIP Value Analysis Special Provision Specifications</b>   | <b>Steve Altman</b>            |
| 4A | Work with Headquarters Construction to deliver training on new CRIP Value Analysis Specification and Value Analysis meeting with the contractor.   | Steve Altman                   |
| 5  | Share approved Structure CRIPs with Area Construction Managers (ACMs).   | John Drury                     |
| 5A | ACM's to discuss approved CRIPS with staff during area meetings.   | ACM's                          |
| 5B | <b>Research the usefulness of an on-line database, within Structure Construction (SC), of approved structure CRIPs and related files of pertinent CCO's.</b>   | <b>John Drury</b>              |
| 5C | Develop an on-line database of Structure Construction approved structure CRIPS and related files of pertinent Contract Change Order  | John Drury                     |
| 6  | <b>CRIP "Lesson-Learned" Presentation at 2006 Statewide Bridge Construction Engineers (BCE) Annual Meeting</b>   | <b>Ken Bocchicchio</b>         |
| 7  | <b>Present a Structure Construction Award for "Most Successful CRIP" @ the Annual Division of Engineering "All Managers Meeting" (Invite Structure Representative).</b>  | <b>Dolores Valls</b>           |

### Work Window Restrictions:

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| 1  | Update the Type Selection Check List to include Work Window Restrictions. Research and Refine "For internal Planning use only"  | Roy Fisher   |
| 1A | Partner with Design to update Memo to Designers   | Roy Fisher   |
| 2  | Update Bridge Construction Memo (BCM) 2-18.0 on Preliminary Plan Review Check List to include Work Window Restrictions (Lane Closure, Fish and Game Requirements, etc). | Dan Thomas   |
| 3  | Research need for a training module on Project Development Team (PDT) Meeting process, purpose and responsibilities.  | Anh Luu & John Zehnder                               |
| 3A | Draft a BCM on PDT Meeting responsibilities for Structure Construction Staff.   | Ken Bocchicchio, Rusty Crain, Anh Luu & John Zehnder |

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| 4   | Educate Environmental and Traffic Operation Staff on Structure Construction methods. Provide project tours and presentations.  | All ACM's                               |
| 5   | Research need for a new project summary of environmental (work window) restrictions prior to advertising project, like the material handout.                                   | Dolores Valls                           |
| 5A  | Discuss No. 5 with Jay Norvell, Division Chief, Division of Environmental Analysis to include environmental summary listings handout with bid package.                         | Dolores Valls                           |
| <b><u>Bridge Construction Acceleration:</u></b> |  |   |
| 1   | <b>Request Department Office Engineer to post Contract Plans and Special Provisions on Caltrans Office Engineer's Website for a longer time frame</b>                          | <b>Dolores Valls</b>                    |
| 2   | <b>Post link to FHWA "Acceleration" website on Structure Construction Internet &amp; Intranet websites</b>   | <b>Bruce Hagy</b>                       |
| 3   | <b>Post current status of Department Sponsored Bridge Closure Pour Research on Bridge Construction Forum website</b>   | <b>John Drury &amp; Bruce Hagy</b>      |
| 4   | <b>Determine the feasibility of a standard waste slab design detail for a bridge deck closure pour support. Feasible at this time for Non-postensioned Bridges</b>             | <b>Rusty Crain</b>                      |
| 4A  | Work with the Concrete Committee to develop a Standard Waste Slab Designs for the various Bridge types. (Flat-Slab Conventional Reinforced Completed)                          | Rusty Crain                             |
| 5   | <b>Determine the feasibility of developing and maintaining an on-line database for approved structure concrete mix designs. <i>Not Feasible at this time.</i></b>              | <b>Robert Powell</b>                    |
| 5A  | <b>Review the standard specification on trial batch compressive strength test results sharing between projects. Provide analysis to Rick Morrow.</b>                           | <b>All ACM's</b>                        |
| 5B  | <b>Revise Bridge Construction Memo 4-9 on concrete trial batch compressive strength test result sharing between construction projects. Circulate Draft for Comments.</b>       | <b>Rick Morrow</b>                      |
| 5C  | Finalize Revision to Bridge Construction Memo 4-9. Send out Manual Change Letter with required revisions.  | Steve Altman & John Lammers             |
| 6   | <b>Research metal deck form usage and obtain approval from Structure Maintenance and Structure Design.</b>   | <b>Henry Stultz</b>                     |
| 6A  | <b>Post Link to Memo to Designers 8-7 on BCF website</b>   | <b>Bruce Hagy</b>                       |
| 6B  | <b>Schedule a Presentaion by a Permanent Metal Deck Form Company. Invite Structure Maintenance and METs representatives.</b>   | <b>Dolores Valls</b>                    |
| 6C  | Discuss Memo to Designers 8-7 with Structure Maintenance to clarify restrictions and/or limitations for areas of use.  | Dolores Valls                           |
| 7   | Improve the Constructability Process through the DES Process Improvement Team - Post status updates on the Bridge Construction Forum website. Draft new construction policies. | Steve Altman                            |
| 8   | <b>Change Construction Policy to allow elimination of haunch at top of Retaining walls</b>   | <b>Dolores Valls</b>                    |
| 8A  | <b>Circulate CPD 06-7 with example CCO and memo through official channels</b>  | <b>Dolores Valls</b>                    |
| 8B  | Post CPD 06-7 on Bridge Construction Forum Website   | Bruce Hagy                              |
| <b><u>Human Factor:</u></b>                     |  |   |
| 1   | <b>Develop an "End of Job" Satisfaction Survey for both Contractor and Structure Construction Staff.</b>   | <b>Rusty Crain<br/>Anh Luu</b>          |
| 1A  | <b>Select Pilot Projects in District 4 and evaluate for statewide use. Projects have been selected and surveys sent out.</b>   | <b>Rusty Crain<br/>Anh Luu</b>          |
| 1B  | Share results of Survey with Area Construction Managers for further discussion.  | <b>Rusty Crain<br/>Anh Luu</b>          |
| 2   | <b>AGC to make a "Partnering" presentation @ 2006 Bridge Construction Engineers Meeting. Sam Hassoun, AGC, Delivered his Partnering Presentation.</b>                          | <b>Stephen Pozzo &amp; Steve Altman</b> |
| 3   | <b>Contact AGC and PEGC for research in how they are promoting Engineering and Technical Careers in Highway and Bridge Construction.</b>                                       | <b>Dennis Wilder<br/>Rusty Crain</b>    |
| 4   | Work with HQ Construction (Bob Pieplow) on bid item for providing field office in same location as contractor. This is now part of the "Go California" effort.                 | Gene Mallette<br>Dolores Valls          |

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| <b>5</b>  | <b>Request Additional Funding for Student Assistants</b>   | <b>Dolores Valls</b>                        |
| <b>5A</b> | <b>Hire Student Assistants for Summer 2006.</b>  | <b>All ACM's</b>                            |
| <b>6</b>  | <b>Invite FHWA to 2007 California Bridge Construction Forums</b>   | <b>Ken Bocchicchio<br/>Jeff Abercrombie</b> |
| 7         | Invite Bridge Construction Seniors to Bridge Construction Forum, limit to one per ACM.   | All ACM's                                   |
| 8         | ACM to have interactive meetings (Brown Bag Lunches) with field staff to discuss management philosophy on Structure Construction-Contractor relations, including but not limited to NOPC's, partnering, communication, CRIPs, etc. | All ACM's                                   |

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